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SUPERLIFT.COM

FORD F150 SUPERRUNNER

REPLACEMENT STEERING LINKAGE



CAUTION: MAKE SURE YOU HAVE THE CORRECT LIFT FOR YOUR VEHICLE:
Double check the Year, Make, Model, Lift Height and KIT Part Numbers.

Prior to beginning the installation, OPEN the boxes and CHECK the included components compared to the parts breakdown. Check all parts and hardware in the box with the parts list below. Be sure you have all needed parts and know where they install.

If you find a packaging error, contact SUPERLIFT directly. Do not contact the dealer where the system was originally purchased. You will need the control number from each box when calling; this number is located at the bottom of the part number label and to the right of the bar code.

THANK YOU FOR CHOOSING SUPERLIFT FOR ALL YOUR SUSPENSION NEEDS!!

Read And Understand All Instructions And Warnings Prior To Installation Of System AND Operation Of Vehicle.

INTRODUCTION BEFORE INSTALLATION...

Installation requires a professional mechanic. In addition to these instructions, professional knowledge of disassembly / reassembly procedures and post installation checks must be known.

PRIOR to beginning, inspect the vehicles steering, driveline, and brake systems, paying close attention to the suspension link arms and bushings, sway bars and bushings, tie rod ends, pitman arm, idler arm, ball joints and wheel bearings. Also check the steering sector-to-frame and all suspension-to-frame attaching points for stress cracks. The overall vehicle must be in excellent working condition; repair or replace all worn parts.

Read instructions several times before starting.

Read each step completely as you go.

Be sure you have all needed parts and know where they install...

⚠ NOTES:

- This kit can ONLY be used with Superlift's 4" or 6" lift kit.
- Must NOT be used on lifts in excess of 6".
- The vehicle must be equipped with a "dropped" pitman arm.

BEFORE YOU DRIVE...

Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering components for clearance.

Test and inspect brake system. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/replacement may result in component failure.

Perform head light check and adjustment.

⚠ WARNING: It is the ultimate buyer's responsibility to have all bolts / nuts checked for tightness after the first 100 miles and then every 1000 miles. The steering, suspension and driveline systems, plus wheel alignment should be inspected by a qualified professional mechanic at least every 3000 miles.



PART NUMBER	QTY. PER KIT	DESCRIPTION	NEW ATTACHING HARDWARE	QTY. PER BRACKET	HARDWARE BAG NUMBER
55-23-1024	1	Centerlink	tie rod end hardware		
55-24-1024	1	Driver Adjuster, Long			
55-25-1024	1	Passenger Adjuster, Short			
1-06-1024	2	Tie Rod End 22mm	jam nut tie rod end hardware	1 1	
1-07-1024	2	Tie Rod End 20mm	jam nut tie rod end hardware	1 1	
55-04-1024	1	Idler Arm	bushing halves sleeve 9/16" x 4-1/2" bolt, coarse thread 9/16" stover nut, coarse thread	4 2 2 2	77-0041 77-0041A
55-05-1024	1	Idler Arm Bracket	7/16" x 1-1/4" bolt, coarse thread 7/16" nyloc nut, coarse thread 7/16" washer	4 4 4	77-0041A

INSTALLATION

Save all factory components and hardware for reuse, unless noted.

STEERING STOPS

Adjust both turning stop bolts all the way in to allow maximum turning.

Rotate the steering wheel full lock to the right, then full lock to the right counting the rotations. Turn the wheel back to the right, half of the number of total rotations. The pitman arm and steering sector should now be centered, as well as the steering wheel.

STEERING LINKAGES

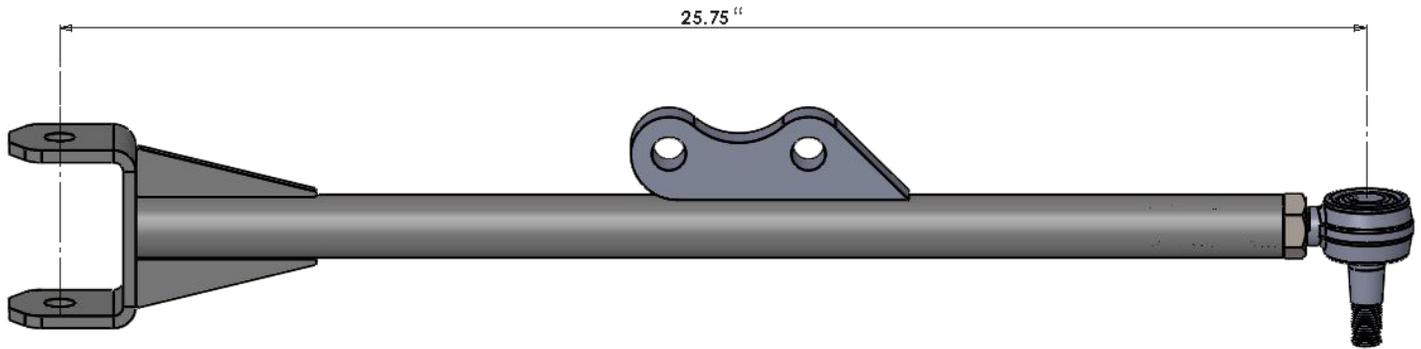
Remove the stock steering linkages from the vehicle.

CENTERLINK

Locate the new centerlink tie rod end (3-03-1024) and the 3/4" jam nut.

Apply anti-seize to the threads of the tie rod end then thread the jam nut all the way onto the tie rod end.

Install the tie rod end into the new centerlink and thread to a length of 25.75", from the center of the ball joint to the center of the mounting clevis hole.



Tighten the jam nut.

Connect the centerlink to the pitman arm and secure with castle nut and cotter pin. (60)

IDLER ARM

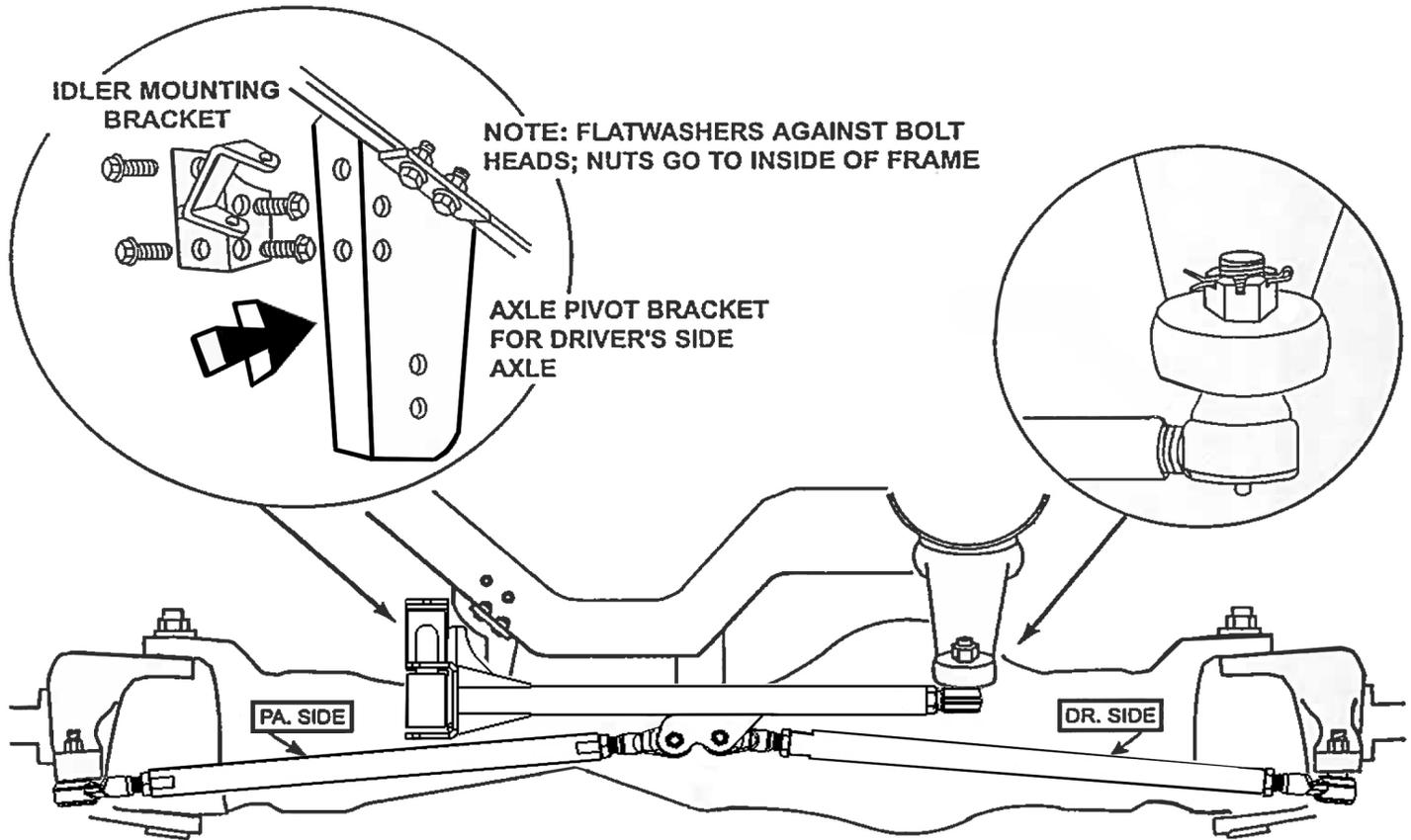
Insert the eye bushings into both ends of the new idler arm (55-04-1024). Prior to installing the sleeve, coat the outside lightly with lithium grease.

Attach the idler arm to the centerlink using the supplied 9/16" hardware (50)

IDLER ARM MOUNTING BRACKET

Mount the new idler arm mounting bracket (55-05-1024) to the axle pivot bracket for the driver side axle (located on passenger side) using the supplied 7/16" hardware. [5/8"] (52)

NOTE: If the mounting holes are not present, position the bracket as high as possible on the axle pivot bracket without overlapping the pivot bracket welds. A properly installed bracket will have the idler end of the centerlink slightly lower than the pitman arm end. Drill the appropriate 7/16" holes to mount the bracket.



IDLER ARM

Connect the idler arm to the mounting bracket with the grease fittings facing the passenger side of the vehicle and secure using the supplied 9/16" hardware. (50)

TIE ROD ASSEMBLY

Locate the new tie rod adjusters (55-24-1024 driver side (long), 55-25-1024 passenger side (short)) and the two new tie rod ends (1-06-1024 (20mm), 1-07-1024 (22mm)) along with the new 22mm and 20mm jam nuts.

Apply anti-seize to the new tie rod ends and install the appropriate jam nut to each. Then install the tie rod and jam nut into the new tie rod adjusters. Each adjuster gets one 22mm tie rod and one 20mm tie rod. NOTE: The 20mm tie rod end is a left-hand thread.

Thread the jam nut all the way down then thread the tie rod all the way down into the adjuster.

TIE ROD INSTALLATION

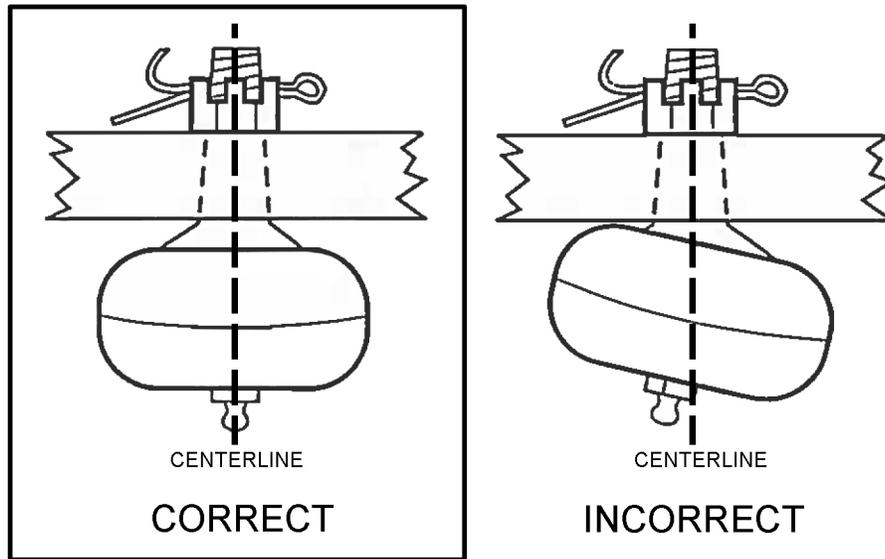
Install the driver side tie rod assembly into the steering knuckle then into the new centerlink and secure using the supplied castle nut and cotter pin. (50)

Install the passenger side tie rod assembly into the steering knuckle then into the new centerlink and secure using the supplied castle nut and cotter pin. (50)

Adjust the tie rod assemblies to make sure the front-of-tire track width is the same as the rear-of-tire track width, do this by making half of the adjustment on each side.

Once the track width is centered, tighten all the jam nuts. (60)

TIE ROD END STUD POSITION IN RELATION TO TIE ROD BODY



BE SURE THAT STUD POSITION IS CORRECT
PRIOR TO TIGHTING JAM NUT

WHEEL ALIGNMENT

Align vehicle to factory specifications.

SUPERLIFT WARNING DECAL

Install the **WARNING TO DRIVER** decal on the inside of the windshield or sun visor, within Driver's view.

IMPORTANT MAINTENANCE INFORMATION

It is the ultimate buyer's responsibility to have all bolts / nuts checked for tightness after the first 100 miles and then every 1000 miles. The steering, suspension and driveline systems, plus wheel alignment should be inspected by a qualified professional mechanic at least every 3000 miles.

LIMITED LIFETIME WARRANTY / WARNINGS

Your SUPERLIFT® product is covered by the Limited Warranty explained below that gives you specific legal rights. This limited warranty is the only warranty SUPERLIFT® makes in connection with your product purchase. SUPERLIFT® neither assumes nor authorizes any retailer or other person or entity to assume for it any other obligation or liability in connection with this product or limited warranty.

SUPERLIFT, LLC, LIMITED LIFETIME WARRANTY

What is covered? Subject to the terms below, SUPERLIFT® will repair or replace its products found defective in materials or workmanship for so long as the original purchaser owns the vehicle on which the product was originally installed. Your warranter is SUPERLIFT, LLC, doing business as SUPERLIFT® Suspension Systems ("SUPERLIFT®").

What is not covered? Your SUPERLIFT® Limited Warranty does not cover products SUPERLIFT® determines to have been damaged by or subjected to:

- Alteration, modification or failure to maintain.
- Normal wear and tear (bushings, rod ends, etc.). Scratches or defects in product finishes (powder coating, plating, etc.).
- Damage to, or resulting from, the vehicle's electronic stability system, related components or other vehicle systems.
- Racing or other vehicle competitions or contests. Accidents, impact by rocks, trees, obstacles or other aspects of the environment.
- Theft, vandalism or other intentional damage.

Remedy Limited to Repair or Replacement. The exclusive remedy provided hereunder shall, upon SUPERLIFT's inspection and at SUPERLIFT's option, be either repair or replacement of the product covered under this Limited Warranty. Customers requesting warranty consideration should contact SUPERLIFT® by phone (1-800-551-4955) to obtain a Returned Goods Authorization number. All removal, shipping and installation costs are customer's responsibility.

If a replacement part is needed before the SUPERLIFT® part in question can be returned, you must first purchase the replacement part. Then, if the part in question is deemed warrantable, you will be credited / refunded.

OTHER LIMITATIONS - EXCLUSION OF DAMAGES - YOUR RIGHTS UNDER STATE LAW

- Neither SUPERLIFT® nor your independent SUPERLIFT® dealer are responsible for any time loss, rental costs, or for any incidental, consequential or other damages you may have.
- This Limited Warranty gives you specific rights, and this is the only warranty SUPERLIFT® makes in connection with your product purchase. You may also have other rights that vary from state to state. For example, while all implied warranties are disclaimed herein, any implied warranty required by law is limited to the terms of our Limited Lifetime Warranty as described above. Some states do not allow limitations of how long an implied warranty lasts and / or do not allow the exclusion or limitation of incidental or consequential damages, so the limitations and exclusions herein may not apply to you. SUPERLIFT® neither assumes nor authorizes any retailer or other person or entity to assume for it any other obligation or liability in connection with this product or Limited Warranty.

IMPORTANT PRODUCT USE AND SAFETY INFORMATION / WARNINGS

As a general rule, the taller a vehicle is, the easier it will roll over. Offset, as much as possible, what is lost in rollover resistance by increasing tire track width. In other words, go "wide" as you go "tall"; always use as wide a tire and wheel combination as feasible to enhance vehicle stability. We strongly recommend, because of rollover possibility, that the vehicle be equipped with a functional roll bar and cage system. Seat belts and shoulder harnesses should be worn at all times. Avoid situations where a side rollover may occur.

Generally, braking performance and capabilities are decreased when significantly larger / heavier tires and wheels are used. Take this into consideration while driving. Also, changing axle gear ratios or using tires that are taller or shorter than factory height will cause an erroneous speedometer reading. On vehicles equipped with an electronic speedometer, the speed signal impacts other important functions as well. Speedometer recalibration for both mechanical and electronic types is highly recommended.

Do not add, alter, or fabricate any factory or aftermarket parts to increase vehicle height over the intended height of the SUPERLIFT® product purchased. Mixing component brands is not recommended.

WE WANT TO SEE YOUR RIDE...

Grab photos of your SUPERLIFT Equipped truck in various poses and in action.

Email pictures to us at sales@superlift.com

Tag us on **Facebook**: [@superlift suspension systems](#)

Tag us on **Instagram**: [#superlift](#), [#superliftsuspension](#), [#superliftequipped](#)

<https://www.youtube.com/user/TheRealSuperlift>

THANKS For Choosing SUPERLIFT...

For questions, technical support and warranty issues relating to this SUPERLIFT products, please contact SUPERLIFT directly.

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